

FIG.1

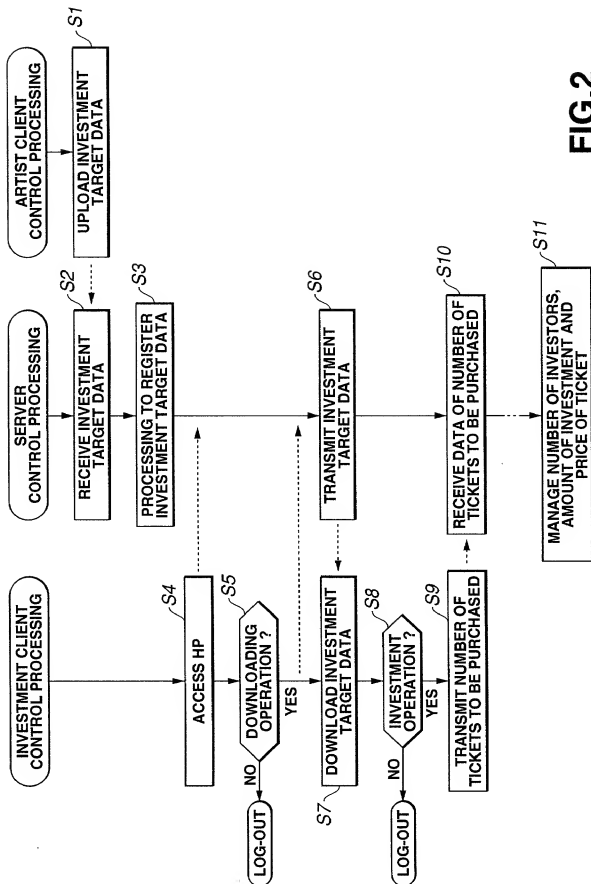


FIG.2

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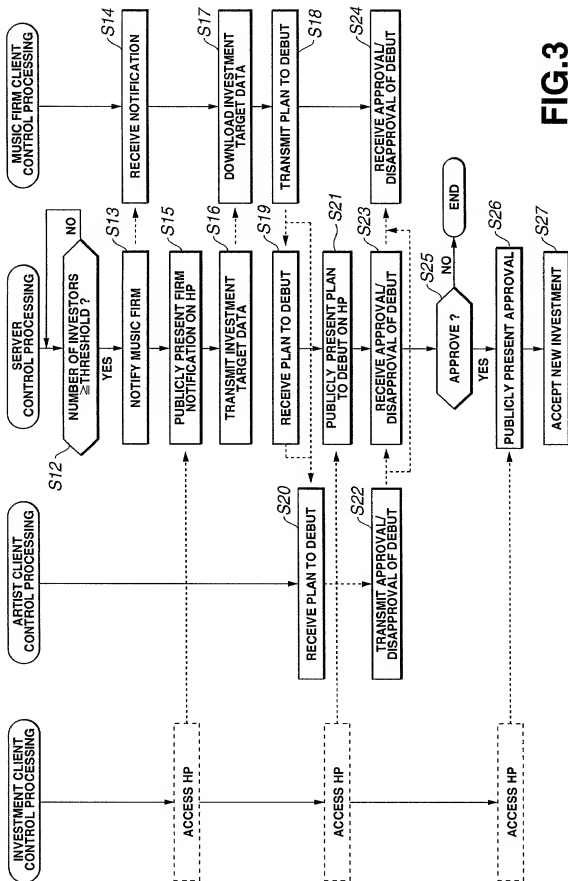


FIG.3

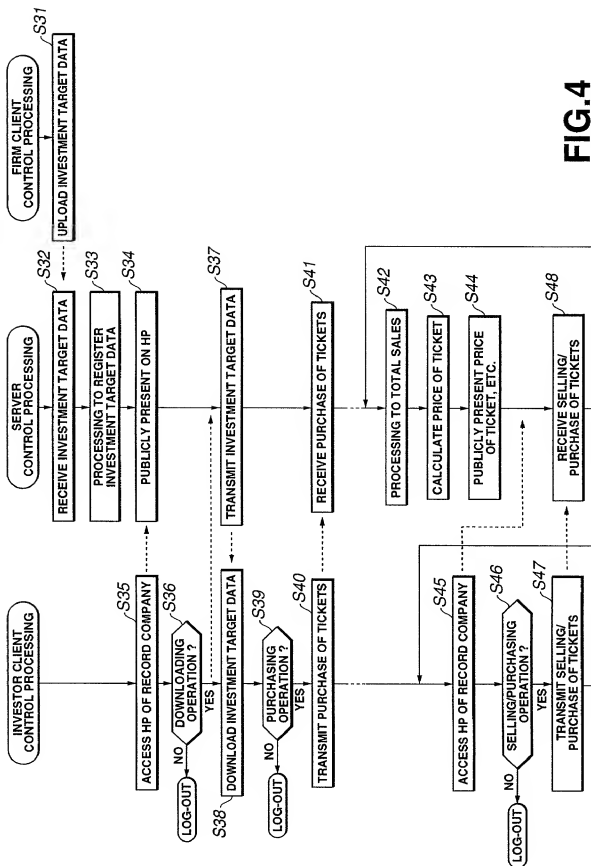


FIG.4

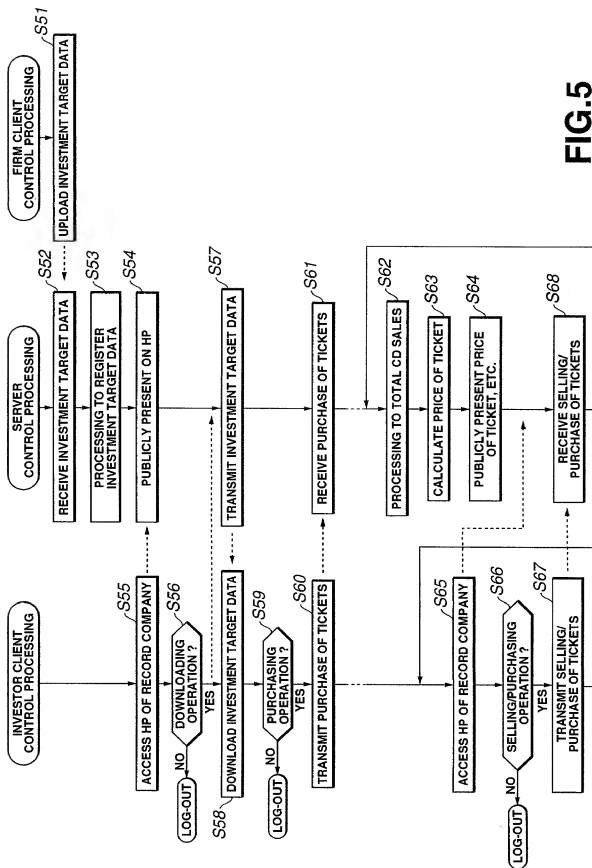


FIG. 5

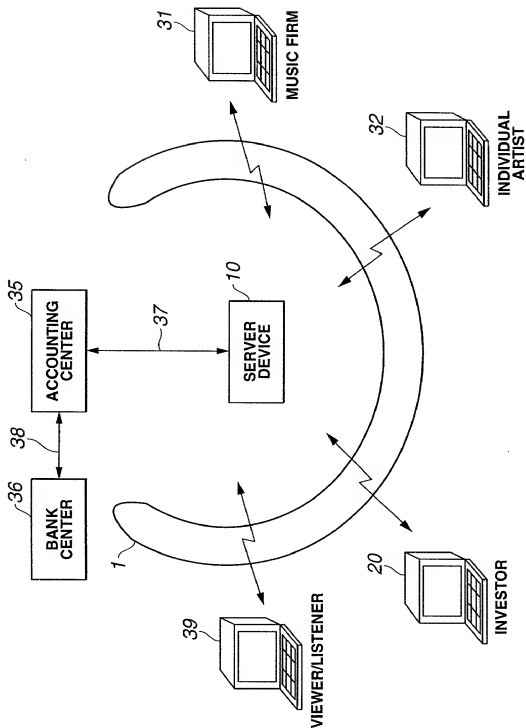


FIG. 6

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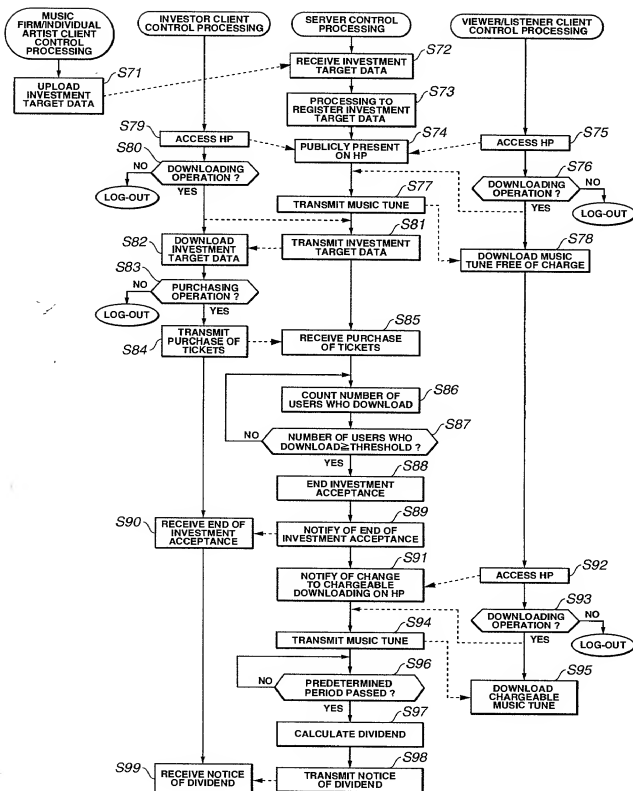


FIG. 7

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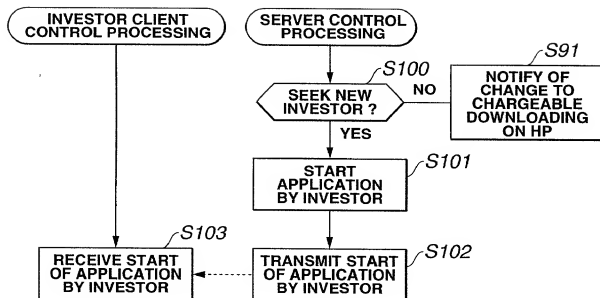


FIG.8

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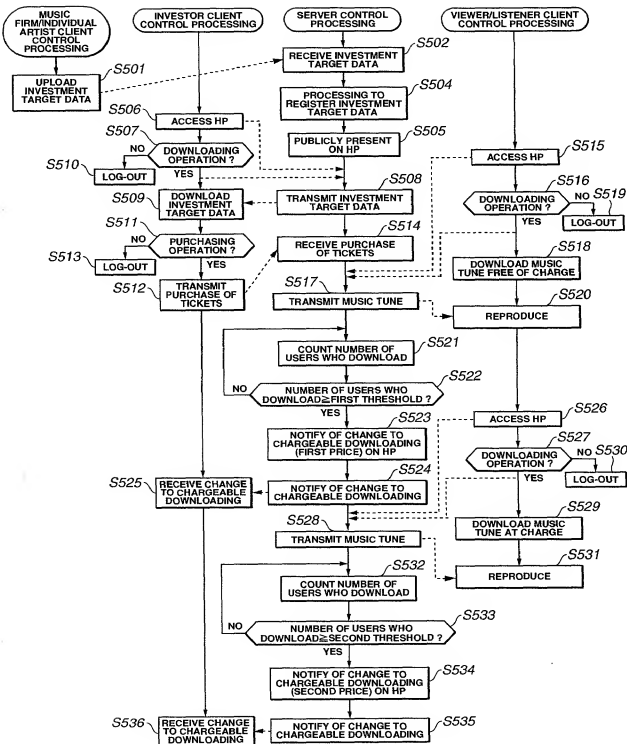


FIG.9

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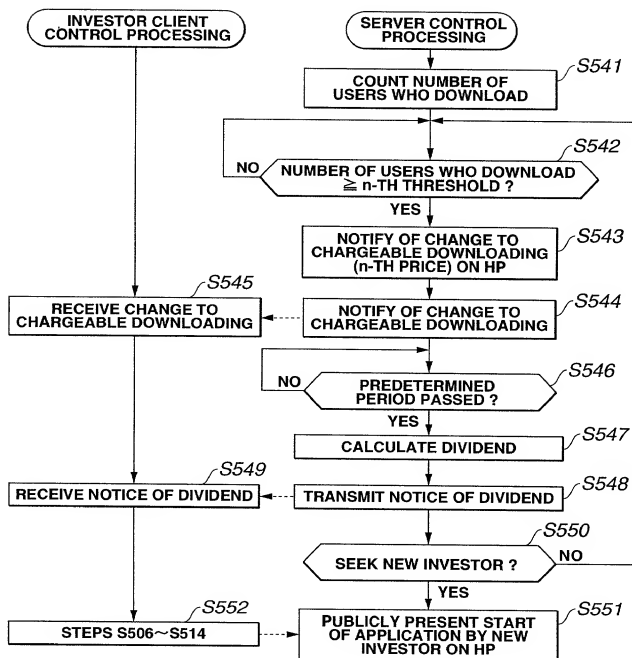
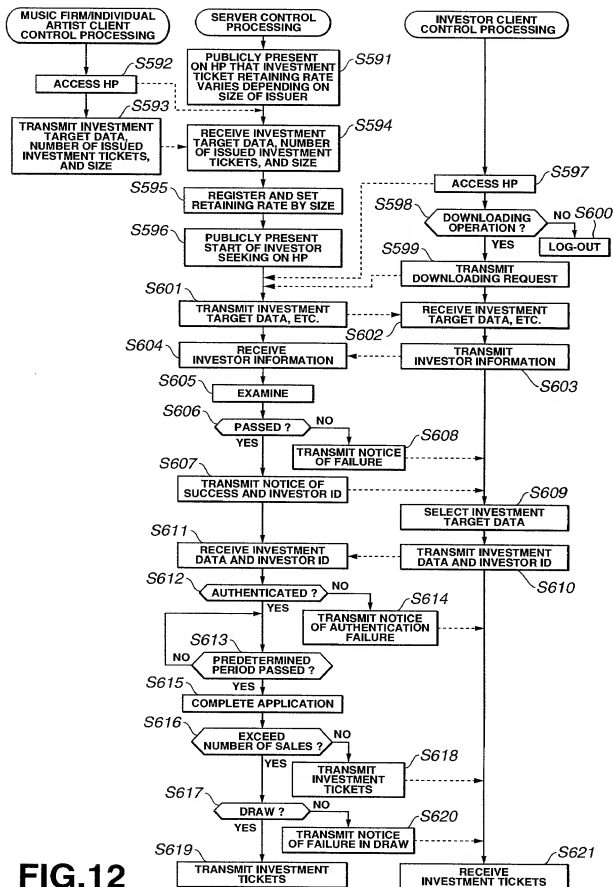


FIG.10

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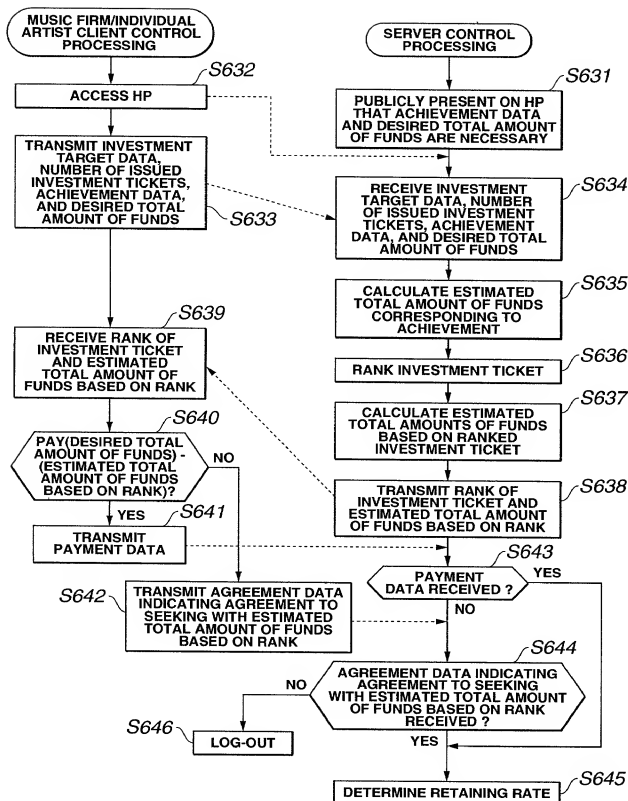


FIG.13

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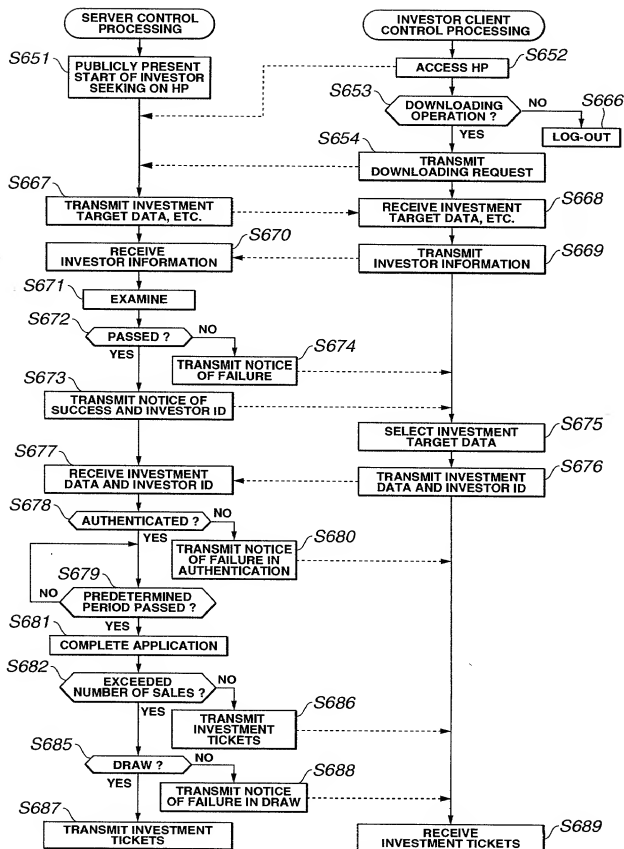


FIG.14

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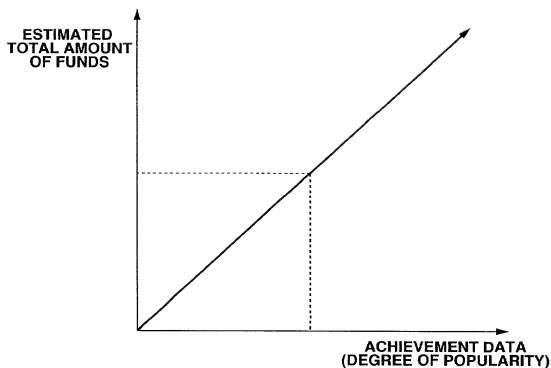


FIG. 15

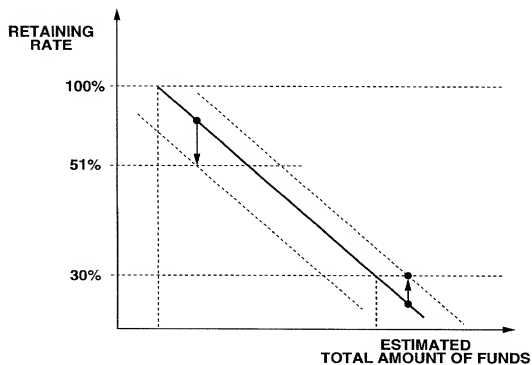


FIG. 16

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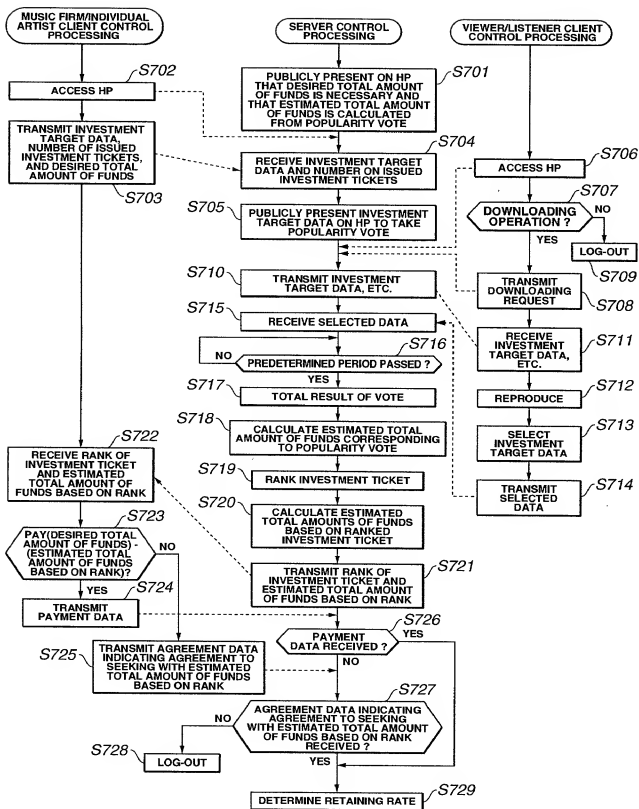
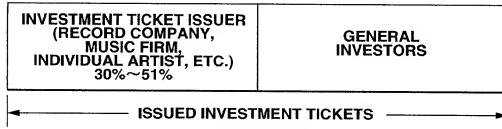
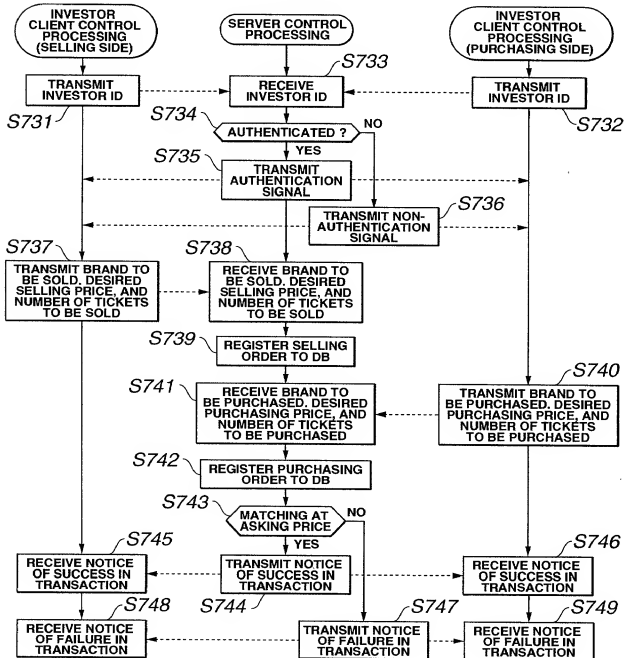


FIG.17

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**FIG.18****FIG.19**

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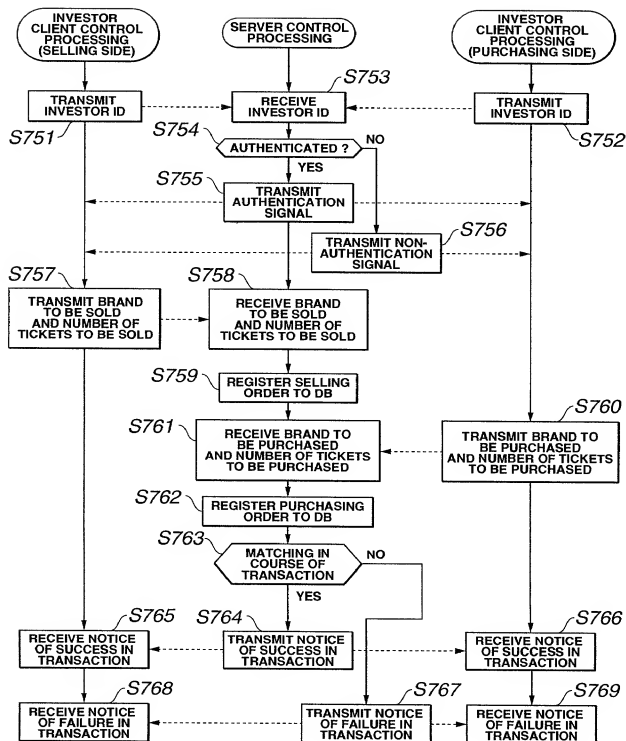


FIG.20

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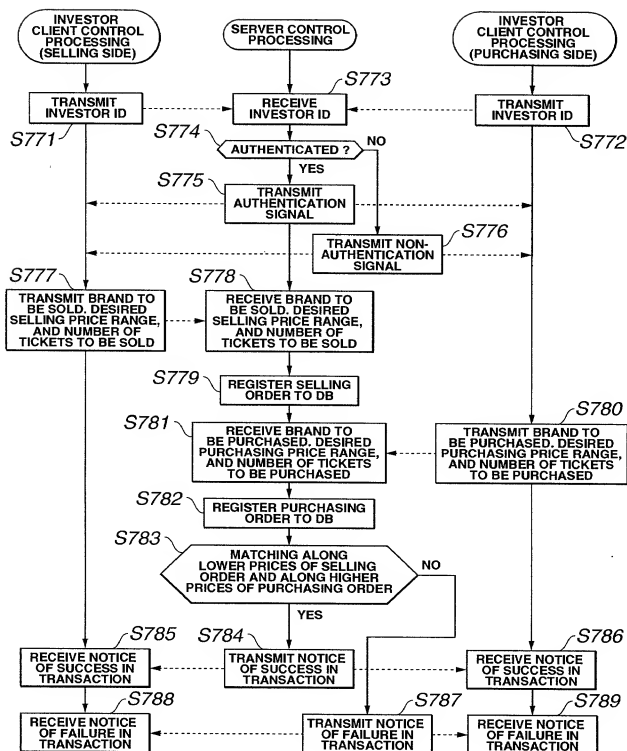


FIG.21

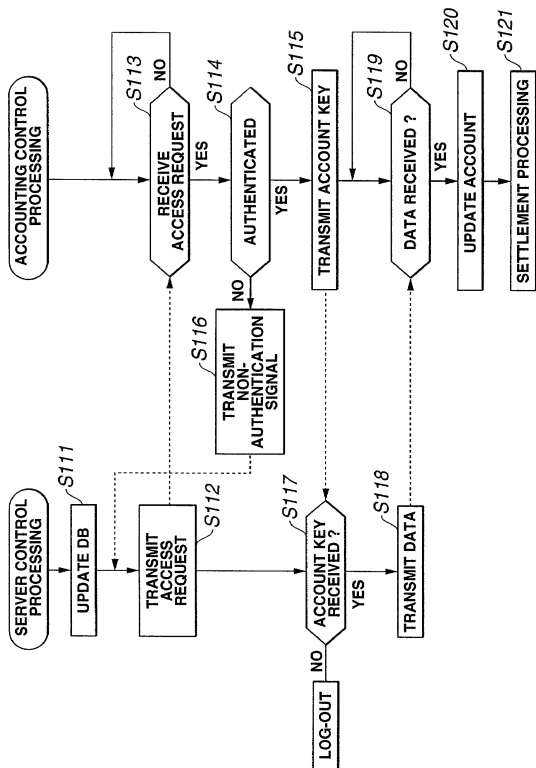


FIG.22

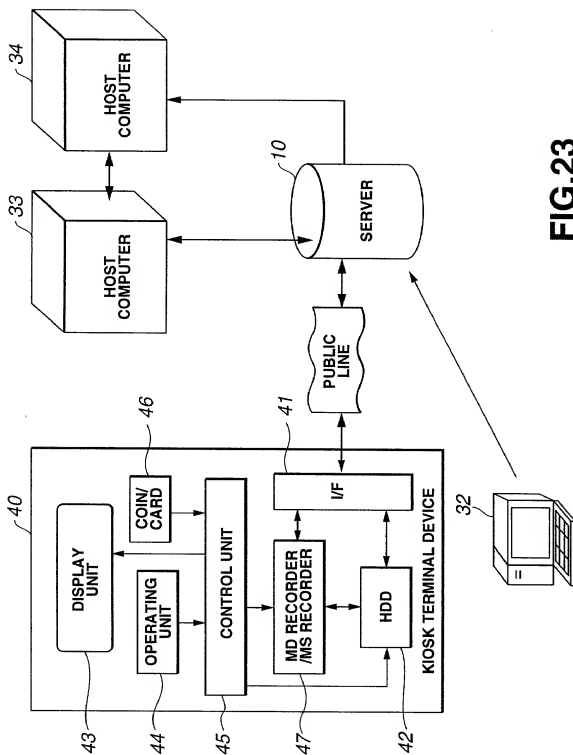


FIG.23

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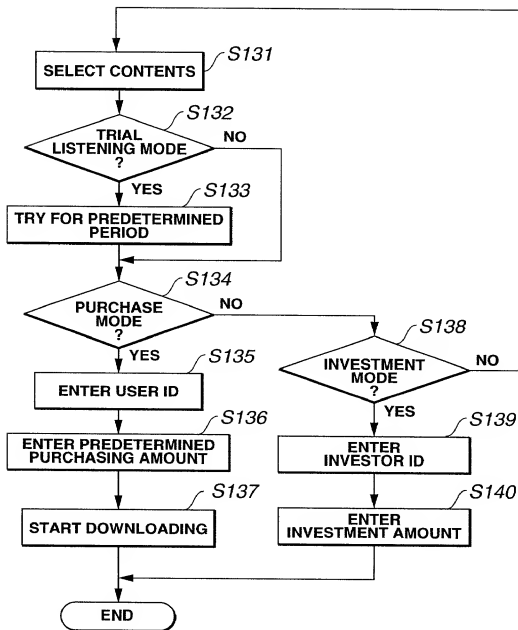


FIG.24

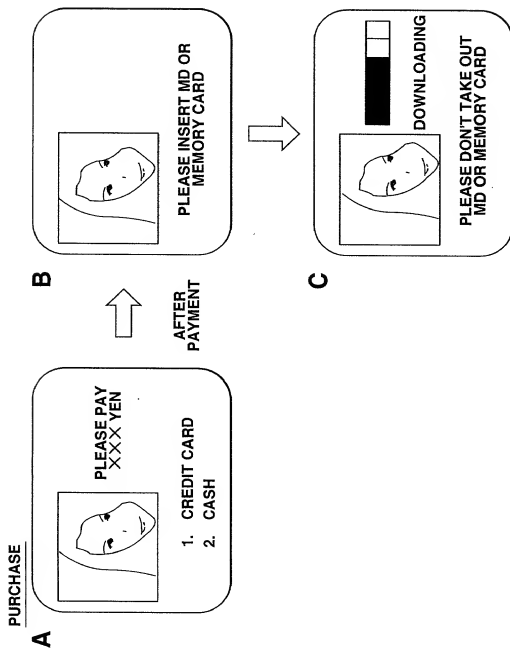
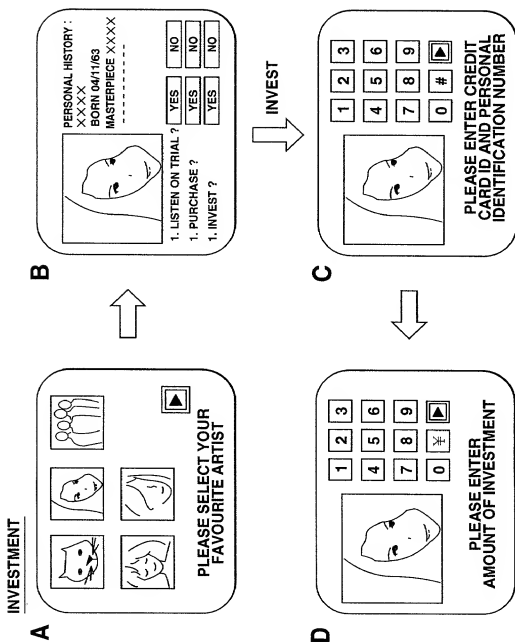


FIG.25



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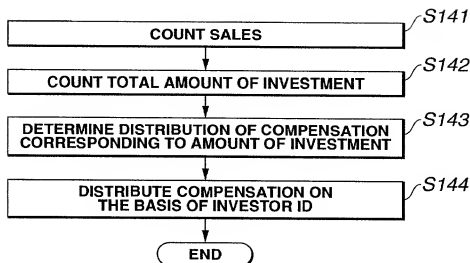


FIG. 27

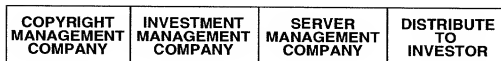


FIG. 28

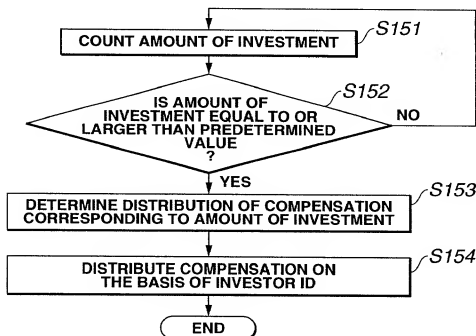


FIG. 29



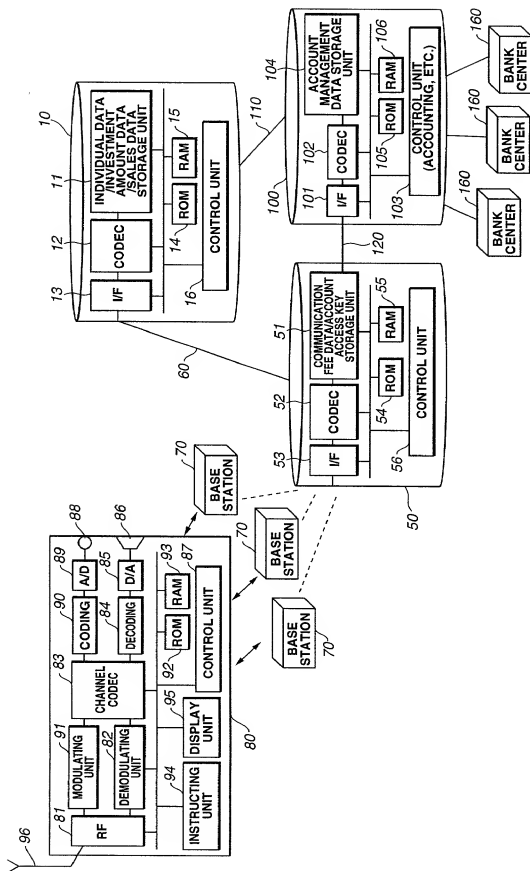


FIG.31

```

graph TD
    subgraph PTCU [PROCESSING OF MOBILE TERMINAL CONTROL UNIT]
        S163{ARTIST DATA RECEIVED?}
        S164[DISPLAY ARTIST DATA]
        S165{DOWNLOADING INSTRUCTION?}
        S166[TRANSMIT USER ID AND CONTENTS ID]
        S167{USER ID, CONTENTS ID AND CONTENTS RECEIVED?}
        S168{UPLOADING INSTRUCTION?}
        S169[TRANSMIT USER ID AND CONTENTS]
        S170{END INSTRUCTION?}
        END1([END])
    end

    subgraph PCU [PROCESSING OF SERVER CONTROL UNIT]
        S161[PROCESSING TO REGISTER ARTIST DATA]
        S162[TRANSMIT ARTIST DATA INCLUDING CONTENTS VALUE]
        S171{USER ID AND CONTENTS ID RECEIVED?}
        S172{USER ID AND CONTENTS RECEIVED?}
        S173[TRANSMIT CONTENTS ID AND CONTENTS]
        S174[UPDATE INVESTMENT AMOUNT DATABASE]
        S175{PREDETERMINED TIME OR NOT?}
        S176[CALCULATE AND UPDATE CONTENTS VALUE IN ACCORDANCE WITH INVESTMENT AMOUNT DATABASE]
        S177{PREDETERMINED DATE AND TIME OR NOT?}
        S178[CALCULATE DIVIDEND FOR ARTIST IN ACCORDANCE WITH INVESTMENT AMOUNT DATABASE]
        S179[UPDATE INVESTMENT AMOUNT DATABASE UPDATE DIVIDEND DATA]
        S180[TRANSMIT REQUEST TO ACCESS ARTIST ACCOUNT TOGETHER WITH SERVER ID TO ACCOUNTING CENTER]
        S185{USER ACCOUNT KEY AND ARTIST ACCOUNT KEY RECEIVED?}
        S186[TRANSMIT USER ACCOUNT KEY, ARTIST ACCOUNT KEY, SERVER ACCOUNT KEY, DIVIDEND DATA, TOTAL OF BUYING AND SELLING, AND PROFIT FOR SERVER]
        END2([END])
    end

    subgraph ACCU [PROCESSING OF ACCOUNTING CENTER CONTROL UNIT]
        S181{ACCESS REQUEST RECEIVED?}
        S182{AUTHENTICATED WITH SERVER ID?}
        S183[TRANSMIT USER ACCOUNT KEY AND ARTIST ACCOUNT KEY]
        S184[TRANSMIT NON AUTHENTICATION SIGNAL]
        S187{VARIOUS DATA RECEIVED?}
        S188[UPDATE USER ACCOUNT, ARTIST ACCOUNT, AND SERVER ACCOUNT]
        S189[SETTLEMENT PROCESSING]
        END3([END])
    end

    S161 --> S162
    S162 --> S171
    S171 -- YES --> S172
    S171 -- NO --> S173
    S173 --> S172
    S172 -- YES --> S174
    S172 -- NO --> S175
    S174 --> S176
    S175 -- YES --> S176
    S175 -- NO --> S177
    S176 --> S177
    S177 -- YES --> S178
    S177 -- NO --> S175
    S178 --> S179
    S179 --> S180
    S180 --> S181
    S181 -- YES --> S182
    S181 -- NO --> S183
    S182 -- YES --> S184
    S182 -- NO --> S183
    S183 --> S187
    S184 --> S187
    S187 -- YES --> S188
    S187 -- NO --> S189
    S188 --> S189
    S189 --> END3

    S163 -- YES --> S164
    S163 -- NO --> S162
    S164 --> S165
    S165 -- YES --> S166
    S165 -- NO --> S162
    S166 --> S167
    S167 -- YES --> S168
    S167 -- NO --> S162
    S168 -- YES --> S169
    S168 -- NO --> S162
    S169 --> S173
    S169 --> S177
    S169 --> S186
    S170 -- YES --> END1
    S170 -- NO --> S162
  
```

FIG. 32

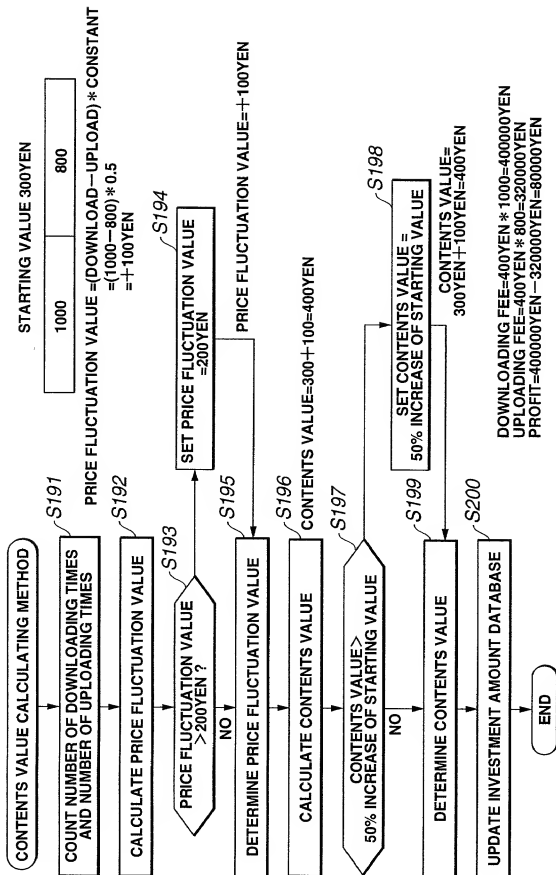


FIG.33

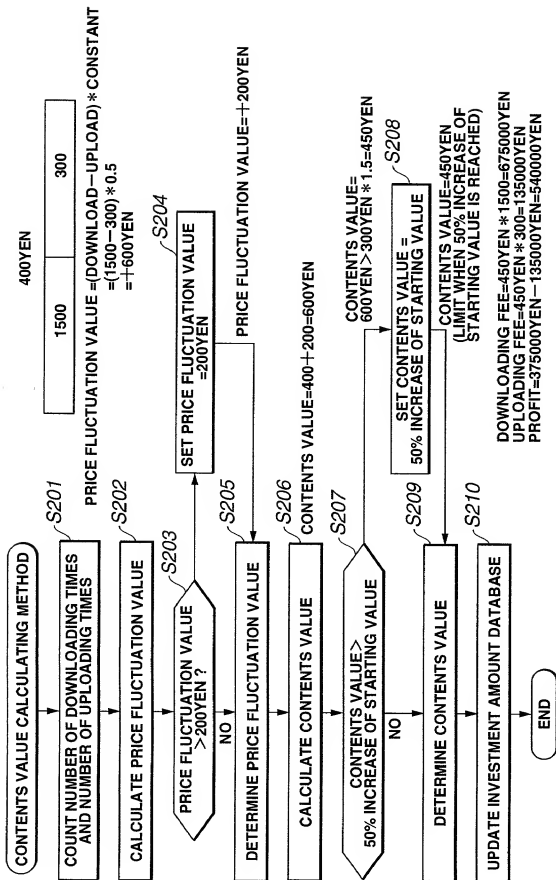


FIG.34

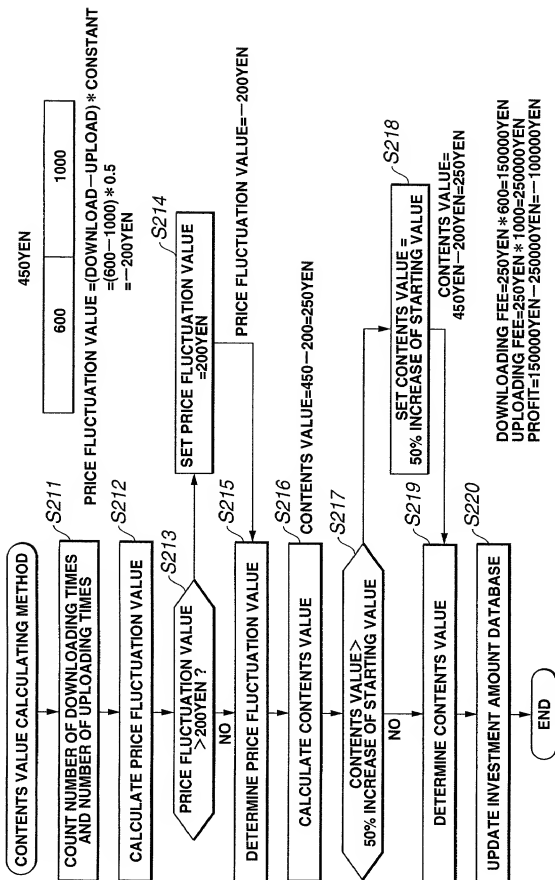


FIG.35

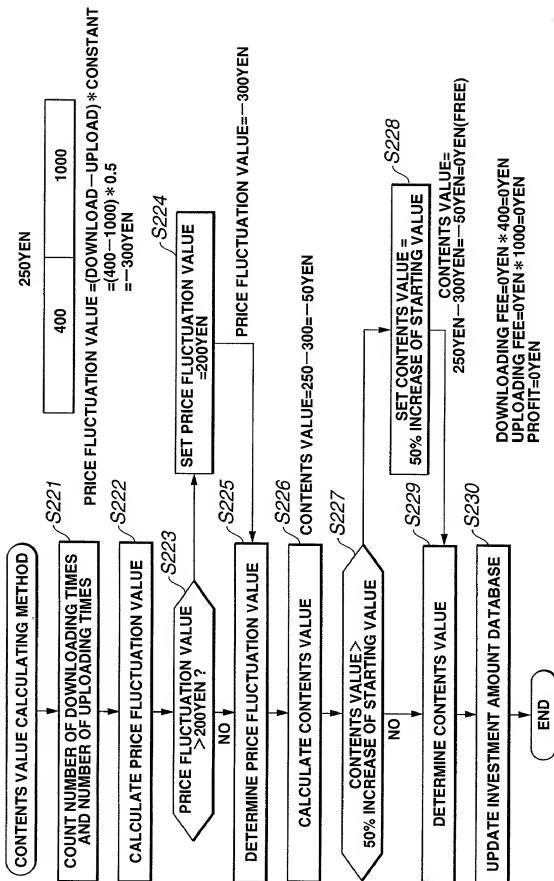


FIG.36

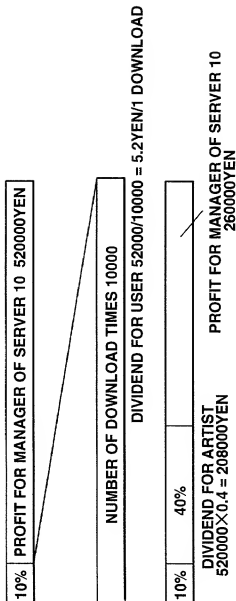


FIG.37

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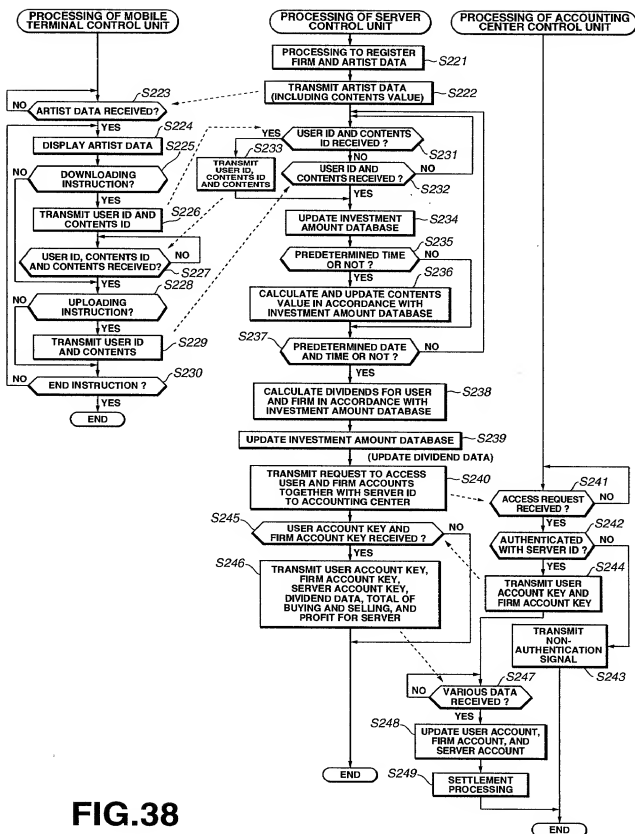


FIG.38

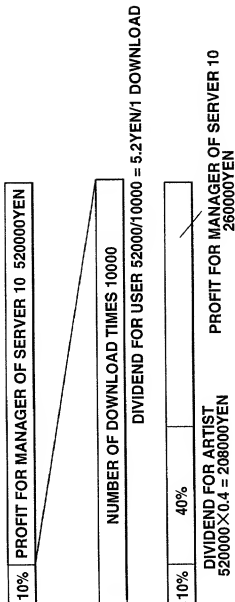


FIG.39

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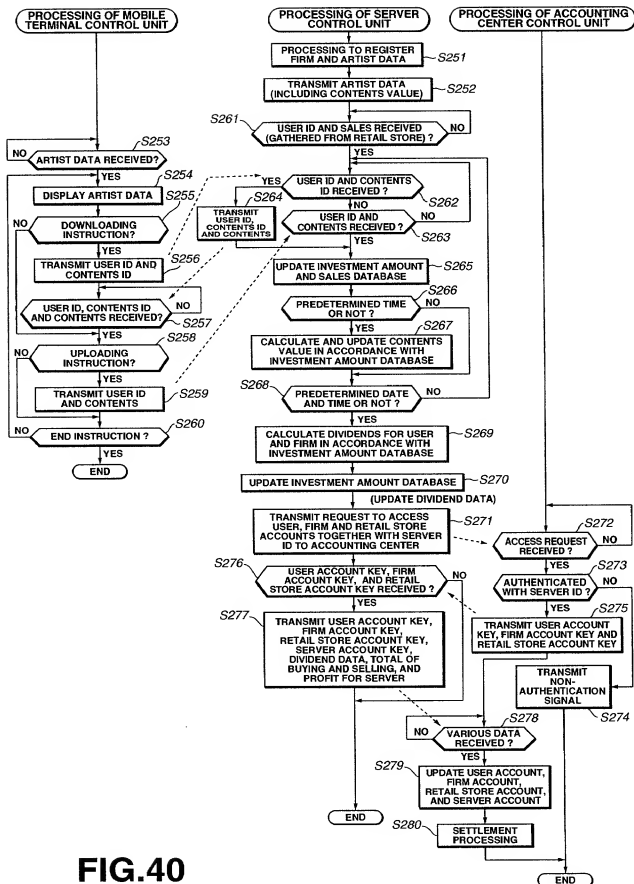


FIG. 40

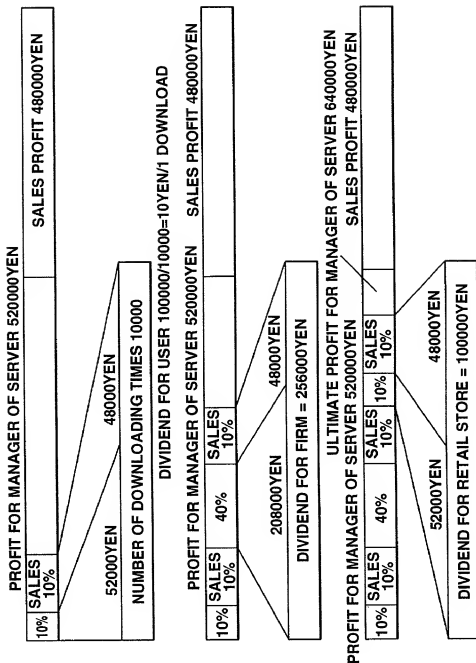


FIG.41